REFERENCES

1. Abhijit Dasgupta, Yan V. Sun, Inke R. Konig, Joan E. Bailey-Wilson, and James D. Malley (2011). Brief Review of Regression-Based and Machine Learning Methods in Genetic Epidemiology: The Genetic Analysis Workshop 17 Experience. Genetic Epidemiology, Vol. 35, pp. S5 – S11.
2. Andrew Gelman (2004). Exploratory Data Analysis for Complex Models. Journal of Computational and Graphical Statistics, Vol. 13, No. 4, pp. 755–779.
3. Anthony G. Barnston, Michael H. Glantz, and Yuxiang He (1999). Predictive Skill of Statistical and Dynamical Climate Models in SST Forecasts during the 1997–98 El Niño Episode and the 1998 La Niña Onset. Bulletin of the American Meteorological Society, Vol. 80, No. 2, pp. 217-243.
4. Antoine Guisan and Niklaus E. Zimmermann (2000). Predictive habitat distribution models in ecology. Ecological Modelling, Vol. 135, pp. 147–186.
5. Anuj R. Shah, Khushbu Agarwal, Erin S. Baker, Mudita Singhal, Anoop M. Mayampurath, Yehia M. Ibrahim, Lars J. Kangas, Matthew E. Monroe, Rui Zhao, Mikhail E. Belov, Gordon A. Anderson, and Richard D. Smith (2010). Machine learning based prediction for peptide drift times in ion mobility spectrometry. BIOINFORMATICS, Vol. 26, no. 13, pp. 1601–1607.
6. Bennett, CC, Doub TW, and R Selove. (2012). EHRs Connect Research and Practice: Where Predictive Modeling, Artificial Intelligence, and Clinical Decision Support Intersect. *Health Policy and Technology*.
7. Bernard Zenko, Saso Dzeroski, and Jan Struyf (2006). Learning Predictive Clustering Rules. F. Bonchi and J. F. Boulicaut (Eds.): KDID 2005, LNCS 3933, pp. 234–250.
8. Chris Fraley, Adrian Raftery, Tilmann Gneiting, McLean Sloughter, and Veronica Berrocal (2011). Probabilistic Weather Forecasting in R. The R Journal, Vol. 3, No. 1, pp. 55 - 63.
9. CHRISTOPHER M. ROZOFF and JAMES P. KOSSIN (2011). New Probabilistic Forecast Models for the Prediction of Tropical Cyclone

Rapid Intensification. American Meteorological Society, Vol. 6, pp. 677 - 689.

10. Claudia Perlich, Foster Provost, and Jeffrey S. Simonoff (2003). Tree Induction vs. Logistic Regression: A Learning-Curve Analysis. Journal of Machine Learning Research, Vol. 4, pp. 211-255.
11. Cristina Conati and Kurt VanLehn (1996). POLA: a student modeling framework for Probabilistic On-Line Assessment of problem solving performance. In Proceedings of UM96, Fifth International Conference on User Modeling, Kailua-Kona, Hawaii.
12. D. Sadigh, K. Driggs-Campbell, A. Puggelli, W. Li, V. Shia, R. Bajcsy, A. L. Sangiovanni-Vincentelli, S. S. Sastry, and S. A. Seshia (2014). Data-Driven Probabilistic Modeling and Verification of Human Driver Behavior. Formal Verification and Modeling in Human-Machine Systems: Papers from the AAAI Spring Symposium, pp. 56 – 61.
13. David B. Stephenson, Matthew Collins, Jonathan C. Rougier, and Richard E. Chandler (2012). Statistical problems in the probabilistic prediction of climate change. Special Issue Article, Environmetrics, Published online in Wiley Online Library.
14. David Cohn and Thomas Hofmann (2001). The Missing Link: A Probabilistic Model of Document Content and Hypertext Connectivity. In T. Leen et al. (eds.), Advances in Neural Information Processing Systems, Vol. 13. Online.
15. Donato Malerba, Floriana Esposito, Michelangelo Ceci, and Annalisa Appice (2004). Top-Down Induction of Model Trees with Regression and Splitting Nodes. IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, VOL. 26, NO. 5, pp. 612-625.
16. E.M. Lee, J.W. Hall, and I.C. Meadowcroft (2001). Coastal cliff recession: the use of probabilistic prediction methods. Geomorphology, Vol. 40, pp. 253 – 269.
17. Emmanuel John M. Carranza and Alice G. Laborte (2015) Data-Driven Predictive Modeling of Mineral Prospectivity Using Random Forests: A Case Study in Catanduanes Island (Philippines). *Natural Resources Research (Springer), Online*, pp. 1 – 16.

18. F.P.A. Coolen and T. Augustin (2005). Learning from multinomial data: a nonparametric predictive alternative to the Imprecise Dirichlet Model. 4th International Symposium on Imprecise Probabilities and Their Applications, Pittsburgh, Pennsylvania, 2005.
19. Finley, Andrew O.; Banerjee, Sudipto; McRoberts, Ronald E. (2009). Hierarchical spatial models for predicting tree species assemblages across large domains. The Annals of Applied Statistics, Vol. 3 No.3, pp. 1052-1079.
20. Hayley E. Jones and David J. Spiegelhalter (2012). Improved probabilistic prediction of healthcare performance indicators using bidirectional smoothing models. J. R. Statist. Soc. A, Vol. 175, Part 3, pp. 729–747.
21. J. Elith, J. R. Leathwick, and T. Hastie (2008). A working guide to boosted regression trees. Journal of Animal Ecology, Vol. 77, pp. 802–813.
22. J. MCLEAN SLOUGHTER, TILMANN GNEITING, and ADRIAN E. RAFTERY (2013). Probabilistic Wind Vector Forecasting Using Ensembles and Bayesian Model Averaging. American Meteorological Society, Vol. 141, pp. 2107 - 2119.
23. Jeffrey Heer, Joseph M. Hellerstein, and Sean Kandel (2015). Predictive Interaction for Data Transformation. Proceedings of 7th Biennial Conference on Innovative Data Systems Research (CIDR '15) January 4-7, 2015, Asilomar, California, USA.
24. Jerome K. Vanclay (1991). Compatible deterministic and stochastic predictions by probabilistic modelling of individual trees. Forest Science, vol. 37, no. 2, pp. 1656-1663.
25. K. Nandhini and S. Saranya (2012). Comparison of Decision Tree and ANN Techniques for Data Classification. International Journal of Emerging Technology and Advanced Engineering, Volume 2, Issue 5, pp. 323-327.
26. Kusiak, A., Zhe Song, and Haiyang Zheng (2009). Anticipatory Control of Wind Turbines With Data-Driven Predictive Models. IEEE Transactions on Energy Conversion, Volume 24, Issue 3, pp. 766 - 774.
27. M. Filippone, A. F. Marquand1, C. R. V. Blain, S. C. R. Williams, J. Mourao-Miranda and M. Girolami (2012). PROBABILISTIC PREDICTION OF NEUROLOGICAL DISORDERS WITH A

STATISTICAL ASSESSMENT OF NEUROIMAGING DATA MODALITIES. The Annals of Applied Statistics, Vol. 6, No. 4, pp. 1883–1905.

28. M. Rajeevan, D. S. Pai, R. Anil Kumar, and B. Lal (2006). New statistical models for long-range forecasting of southwest monsoon rainfall over India. Climate Dynamics, DOI 10.1007/s00382-006-019706. Online.
29. Mark S. Dion (2011). PREDICTIVE MODELING, A LIFE UNDERWRITER'S PRIMER. ON THE RISK, Vol. 27, No. 2, pp. 36 - 43.
30. Max Kuhn (2008). Building Predictive Models in R Using the caret Package. Journal of Statistical Software, Volume 28, Issue 5, online at {http://www.jstatsoft.org/}.
31. Maytal Saar-Tsechansky and Foster Provost (2007). Handling Missing Values when Applying Classification Models. Journal of Machine Learning Research, Vol. 8, pp. 1625-1657.
32. Qiang Wu, Justin Guinney, Mauro Maggioni, and Sayan Mukherjee (2010). Learning Gradients: Predictive Models that Infer Geometry and Statistical Dependence. Journal of Machine Learning Research, Vol. 11, pp. 2175 - 2198.
33. Reza Entezari-Maleki, Arash Rezaei, and Behrouz Minaei-Bidgoli (2009). Comparison of Classification Methods Based on the Type of Attributes and Sample Size. Journal of Convergence Information Technology, Vol. 4, Issue 3, pp. 94-102.
34. Rita Orji, Regan L. Mandryk, and Julita Vassileva (2012). Towards a Data-Driven Approach to Intervention Design: A Predictive Path Model of Healthy Eating Determinants. M. Bang and E.L. Ragnemalm (Eds.): PERSUASIVE 2012, LNCS 7284, pp. 203–214.
35. Sathyan Munirathinam and Balakrishnan Ramadoss (2016). Predictive Models for Equipment Fault Detection in the Semiconductor Manufacturing Process. International Journal of Engineering and Technology, Vol. 8, No. 4, pp. 273-285.
36. Shyam Visweswaran and Gregory F. Cooper (2010). Learning Instance-Specific Predictive Models. Journal of Machine Learning Research, Vol. 11, pp. 3333 - 3369.

37. Tauhid R. Zaman, Ralf Herbrich, Jurgen van Gael, and David Stern (2010). Predicting Information Spreading in Twitter. In Computational Social Science and the Wisdom of Crowds Workshop (colocated with NIPS 2010), December 2010.
38. Wei-Yin Loh (2002). REGRESSION TREES WITH UNBIASED VARIABLE SELECTION AND INTERACTION DETECTION. Statistica Sinica, Vol. 12, pp. 361-386.
39. Wei-Yin Loh (2011). Classification and regression trees. WIREs Data Mining and Knowledge Discovery, Vol. 1, pp. 14-23.
40. Wei-Yin Loh and Yu-Shan Shih (1997). Split Selection Methods for Classification Trees. Statistica Sinica, Vol. 7, pp. 815 - 840.
41. Wendy S. Parker (2010). Predicting weather and climate: Uncertainty, ensembles and probability. Studies in History and Philosophy of Modern Physics, Vol. 41, pp. 263 – 272.
42. William J. Long, John L. Griffith, Harry P. Selker, and Ralph B. D'Agostino (1993). A Comparison of Logistic Regression to Decision-Tree Induction in a Medical Domain. Computers in Biomedical Research, Vol. 26, pp. 74-97.
43. Yoav Etsion and Dror G. Feitelson (2007). Probabilistic Prediction of Temporal Locality. In IEEE Computer Architecture Letters (CAL), Vol. 6, No. 1, pp. 17 - 20.